

Web Based New Paradigm of Statistics Education

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1 Introduction

Universities have been utilizing one-way instructional delivery system like TV, Radio for distance education and face to face class at ordinary university. The isolation of students in their learning process was the most serious problem in this one-way mode. e-Learning is an alternative instructional model that allows students to have more interaction with their instructors and peers. Also the new media approaches like internet, mobile is more accessible in multimedia learning resources than the traditional delivery system.

e-Learning system for Statistics Education has improved the lack of two-way communication and repetition, the main weakness of the existing media, TV, radio and written text. And it has extended the opportunity of learner by operating a variety of curriculum on the basis of e-learning.

This paper describes the new paradigm of Statistics Education with the e-learning contents, Mobile learning and ubiquitous learning system for statistical education that anyone who wants to study could study anywhere, anytime with the internet and multimedia system.

The objectives of this study were to evaluate the effectiveness of e-learning courses and to propose suggestions for future improvement of e-Learning courses and suggest the future view of more advanced education system of mobile learning and ubiquitous learning system. The survey included course evaluation and suggestions for improvement in e-learning for its effectiveness. The survey methods were questionnaire, interview, and learning activity review. Faculties as well as students participated in this study. The results of this study were analyzed with the following three aspects in mind: learning content, course management, and administrative supports.

In the future society with rapid change of educational circumstance and globalization, distance education using ICT technology will satisfy educational desires in various classes of learners. KNOU has been provided student with distance education contents through broadcasting and IT

2 Future Statistical Education

Mobile technologies, like mobile devices and wireless internet services, have the potential to introduce new innovations in the area of education m-learning, a new form of education using mobile internet systems and handheld devices can offer students and teachers the opportunity to interact with and gain access to educational materials, independent of time and spaces. This study suggested some considerable suggestions for preparing the future of statistics education based on Mobile and one more step advanced ubiquitous learning.

References

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